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CO-OP MINING COMPANY

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November 6, 2007

Coal Program
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

To Whom It May Concern,

Re: Water monitoring site name change, Bear Canyon Mine, ACT/015/025

Lucy OK
6/01/0025
#2879

Enclosed is 1 hard copy and 4 digital copies of our Water monitoring site name change.
If you have any questions, please call me at (435) 687-5777.

Thank You,

Melissa Reynolds
Melissa Reynolds

Enclosure(s)

NOV 15 2007

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change ☒ New Permit ☐ Renewal ☐ Exploration ☐ Bond Release ☐ Transfer ☐

Permittee: CO-OP MINING COMPANY

Mine: BEAR CANYON MINE

Permit Number: ACT/015/025

Title: Water monitoring site name change

Description: Include reason for application and timing required to implement:

To change some site names that were submitted incorrectly.

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- ☐ Yes ☒ No 1. Change in the size of the Permit Area? Acres: _____ Disturbed Area: _____ ☐ increase ☐ decrease.
- ☐ Yes ☒ No 2. Is the application submitted as a result of a Division Order? DO# _____
- ☐ Yes ☒ No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- ☐ Yes ☒ No 4. Does the application include operations in hydrologic basins other than as currently approved?
- ☐ Yes ☒ No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- ☐ Yes ☒ No 6. Does the application require or include public notice publication?
- ☐ Yes ☒ No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- ☐ Yes ☒ No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- ☐ Yes ☒ No 9. Is the application submitted as a result of a Violation? NOV # _____
- ☐ Yes ☒ No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
- ☐ Yes ☒ No 11. Does the application affect the surface landowner or change the post mining land use?
- ☐ Yes ☒ No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- ☐ Yes ☒ No 13. Does the application require or include collection and reporting of any baseline information?
- ☐ Yes ☒ No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- ☐ Yes ☒ No 15. Does the application require or include soil removal, storage or placement?
- ☐ Yes ☒ No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- ☐ Yes ☒ No 17. Does the application require or include construction, modification, or removal of surface facilities?
- ☐ Yes ☒ No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- ☐ Yes ☒ No 19. Does the application require or include certified designs, maps or calculation?
- ☐ Yes ☒ No 20. Does the application require or include subsidence control or monitoring?
- ☐ Yes ☒ No 21. Have reclamation costs for bonding been provided?
- ☐ Yes ☒ No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- ☐ Yes ☒ No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach four (4) review copies of the application. If the mine is on or adjacent to Forest Service land please submit five (5) copies, thank you. (These numbers include a copy for the Price Field Office)

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations herein.

Charles Reynolds
Print Name

Charles Reynolds, President, 11/8/07
Sign Name, Position, Date

Subscribed and sworn to before me this 8 day of Nov, 2007

Mark Reynolds
Notary Public

My commission Expires: 6-4, 2010
Attest: State of Utah } ss:
County of Emery



For Office Use Only:

Assigned Tracking Number:

Received by Oil, Gas & Mining

NOV 15 2007

APPLICATION FOR COAL PERMIT PROCESSING

Detailed Schedule Of Changes to the Mining And Reclamation Plan

Permittee: CO-OP MINING COMPANY

Mine: BEAR CANYON MINE

Permit Number: ACT/015/025

Title: Water monitoring site name change

Provide a detailed listing of all changes to the Mining and Reclamation Plan, which is required as a result of this proposed permit application. Individually list all maps and drawings that are added, replaced, or removed from the plan. Include changes to the table of contents, section of the plan, or other information as needed to specifically locate, identify and revise the existing Mining and Reclamation Plan. Include page, section and drawing number as part of the description.

DESCRIPTION OF MAP, TEXT, OR MATERIAL TO BE CHANGED[illegible]

Any other specific or special instruction required for insertion of this proposal into the Mining and Reclamation Plan.

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NOV 15 2007

Table 7-14 Water Monitoring Matrix: Operational Phase of Mining

Location	Jan	Feb	Mar	Apr	May	June	July	Aug ³	Sept	Oct	Nov	Dec
Streams												
BC-1 (Upper Bear Creek)		oper			oper	field	field	oper.	field	oper		
BC-2 (Lower Bear Creek)		oper			oper	field	field	oper.	field	oper		
BC-3 (Lower Rt Fork Bear Creek)		oper			oper	field	field	oper.	field	oper		
BC-4 (Upper Rt Fk. Bear Creek)		oper			oper.	field	field	oper.	field	oper		
CK-1 (Upper Cedar Creek)		oper			oper.	field	field	oper.	field	oper		
CK-2 (Lower Cedar Creek)		oper			oper.	field	field	oper.	field	oper		
MH-1 (Lower McCadden Hollow Creek)					field ⁵		field	field		field		
MH-2 (Upper McCadden Hollow Creek)					field ⁵		field	field		field		
FC-1 (Lower Left Fork Fish Creek) ⁷					field ⁵		field	field		field		
FC-2 (Lower Right Fork Fish Creek) ⁷					field ⁵		field	field		field		
FC-3 (Right Fork Fish Creek Property Line) ⁷					field ⁵		field	field		field		
FC-4 (Upper Right Fork Fish Creek) ⁷					field ⁵		field	field		field		
FC-5 (Mud Spring) ⁷					field ⁵		field	field		field		
FC-6 (Upper Left Fork Fish Creek) ⁷					field ⁵		field	field		field		
FC-7 (Water Right Upper LF FC)					field ⁵		field	field		field		
FC-8 (Water Right Upper LF FC)					field ⁵		field	field		field		
Springs												
SBC-3 (Creek Well)		oper			oper			oper.		oper		
SBC-4 (Big Bear Springs) ⁴		oper			oper			oper.		oper		
SBC-5 (Birch Spring) ⁴		oper			oper.			oper.		oper		
SBC-9A (Hiawatha Seam)		oper			oper			oper		oper		
SBC-12 (16-7-13-1)					field. ⁵		field	field		field		
SBC-14 (WHR-6)		oper			oper.			oper.		oper		
SBC-15 (WHR-5)					field ⁵		field	field		field		
SBC-16 (WHR-4) ^{6,7}					field ⁵		field	field		field		
SBC-16A ⁷					field ⁵		field	field		field		
SBC-16B ⁷					field ⁵		field	field		field		
SBC-17 (16-7-24-4)		oper			oper.			oper.		oper		
SBC-18 (WHR-2) ⁷					field ⁵		field	field		field		
SBC-20 (16-8-16-4 16-8-18-4) ⁷					field ⁵		field	field		field		
SBC-21 (16-8-18-1) ⁷					field ⁵		field	field		field		
SBC-22 (Stockwater Trough)					field ⁵		field	field		field		
SBC-23 (FBC-12)					field ⁵		field	field		field		
SCC-1 (16-8-20-1)					field ⁵		field	field		field		
SCC-2 (16-8-15-5 16-8-18-5) ⁷					field ⁵		field	field		field		
SCC-3 (Mohrland Portal)					field ⁵		field	field		field		
SCC-5 (16-8-7-3)					field ⁵		field	field		field		
SMH-1 (FBC-6)					field. ⁵		field	field		field		
SMH-2 (FBC-5)					field ⁵		field	field		field		
SMH-3 (FBC-13)					field. ⁵		field	field		field		
SMH-4 (FBC-4)					field ⁵		field	field		field		
SMH-5 (Stockwater Trough)					field ⁵		field	field		field		
Wells												
SDH-2 (Well, Sec. 11, T16S, R7E)					level ⁵		level	level	level	level		
SDH-3 (Well, Sec. 10, T16S, R7E)					level ⁵		level	level	level	level		
MW-114 (Well, Sec 18, T16S, R8E)					level ⁵		level	level	level	level		
MW-117 (Well, Sec 12, T16S, R8E)					level ⁵		level	level	level	level		

- Notes: 1. See Tables 7-13 and 7-17 for listing of water quality monitoring parameters.
2. oper. = operational base. = baseline
3. Baseline parameters taken in August of year 5 prior to each permit renewal.
4. SBC-4 and SBC-5 shall also be tested for oil and grease.
5. First sample to be taken in May or June, when Gentry Mountain is accessible.
6. A comment will be made regarding the level of the pond feeding the spring
7. Weekly monitoring to begin one month prior to mining in area and continue until one month after. Monthly monitoring Will then be done for and additional six months.

Table 7-14A Surface Water Monitoring Matrix: Baseline Collection

Site Name	Site Description	Baseline Monitoring Start Date
BC-1	Upper Bear Creek	September 2, 1980
BC-2	Lower Bear Creek	September 2, 1980
BC-3	Lower Right Fork Bear Creek	January 5, 1987
BC-4	Upper Right Fork Bear Creek	February 29, 2000
CK-1	Upper Cedar Creek	June 9, 1994
CK-2	Lower Cedar Creek	June 9, 1994
MH-1	Lower McCadden Hallow Creek	July 31, 1991
MH-2	Upper McCadden Hallow Creek	May, 2007
FC-1	Lower Left Fork Fish Creek	June 9, 1994
FC-2	Lower Right Fork fish Creek	July 31, 1991
FC-3	Right Fork Fish Creek Property Boundary	May, 2007
FC-4	Upper Right Fork Fish Creek	May, 2007
FC-5	Right Fork Fish Creek Below Mud Spring	May, 2007
FC-6	Upper Left Fork Fish Creek	May, 2007
FC-7	Water Right Upper LF Fish Creek	May, 2007
FC-8	Water Right Upper LF Fish Creek	May, 2007

Notes: 1. See Tables 7-13 and 7-17 for listing of water quality monitoring parameters.
2. See Table 7-14 for specific months that the sites will be monitored in.

Table 7-14B Ground Water Monitoring Matrix: Baseline Collection

Site Name	Site Description	Baseline Monitoring Start Date
SBC-3	Bear Creek Well	January 5, 1987
SBC-4	Big Bear Spring	January 5, 1987
SBC-5	Birch Spring	July 24, 1986
SBC-9A	Bear Canyon #1 Mine Portal	September 25, 2002
SBC-12	16-7-16-1 16-7-13-1	June 8, 1994
SBC-14	WHR-6	October 26, 1993
SBC-15	WHR-5	October 27, 1992
SBC-16	WHR-4	March 22, 1993
SBC-16A		May, 2007
SBC-16B		May, 2007
SBC-17	16-7-24-4	May 22, 2000
SBC-18	WHR-2	March 22, 1993
SBC-20	16-8-16-4 16-8-18-4	June 8, 1994
SBC-21	16-8-18-1	June 8, 1994
SBC-22	Stock Watering Trough	May, 2007
SBC-23	FBC-12	March 22, 1993
SCC-1	16-8-20-1	June 8, 1994
SCC-1 2	16-8-15-5 16-8-18-5	June 8, 1994
SCC-3	Mohrland Portal	January 19, 1979
SCC-5	16-8-7-3	June 8, 1994
SMH-1	FBC-6	October 13, 1992
SMH-2	FBC-5	October 13, 1992
SMH-3	FBC-13	August 29, 1993
SMH-4	FBC-4	October 13, 1992
SMH-5	Stock Watering Trough	May, 2007

Notes: 1. See Tables 7-13 and 7-17 for listing of water quality monitoring parameters.
2. See Table 7-14 for specific months that the sites will be monitored in.